

Math Practice Sheets

Addition of Whole Numbers Part I

Student Name

Examples

Practice Questions

Extra Challenge Unit

Unit
3.1

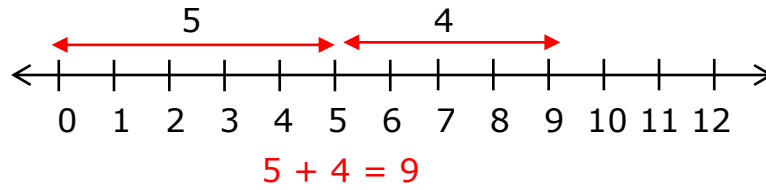
Addition of Whole Numbers

Example

Philip has 5 cats.

Maria has 4 dogs.

How many pets do they have together?



Addition has order, zero, and grouping properties.

- **Commutative (order) Property:** If two numbers are added in any order their sum remains the same. ($2 + 6 = 6 + 2 = 8$)
- **Identity (zero) Property:** A zero added to a number does not change the value of the number. ($7 + 0 = 7$)
- **Associative (grouping) Property:** If three or more numbers are added in different groups, their sum remains the same in all cases. ($1 + 2$) + 3 = 1 + (2 + 3) \leftrightarrow 3 + 3 = 1 + 5 \leftrightarrow 6 = 6

Exercise

1. Write the missing number and the property used for each.

a) $15 + \underline{\quad} = 15$

_____ property

b) $37 + 21 = \underline{\quad} + 37$

_____ property

c) $5 + (9 + 4) = (\underline{\quad} + 9) + 4$

_____ property

d) $\underline{\quad} + 200 = 200$

_____ property

e) $68 + \underline{\quad} = 59 + 68$

_____ property

f) $(9 + \underline{\quad}) + 7 = 9 + (8 + 7)$

_____ property

g) $(6 + 7) + 3 = \underline{\quad} + (7 + 3)$

_____ property

h) $850 + \underline{\quad} = 950 + 850$

_____ property

i) $\underline{\quad} + 752 = 752 + 401$

_____ property

j) $(5 + 7) + \underline{\quad} = 5 + (7 + 8)$

_____ property